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Approved For Release 2003/05/14 : CIA-RDP78B04560A003000010057-3



NPIC/R-1153/64

March 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
GOLDEN TREE MISSION 3868
20 MARCH 1964

Declass Review by
NIMA/DOD

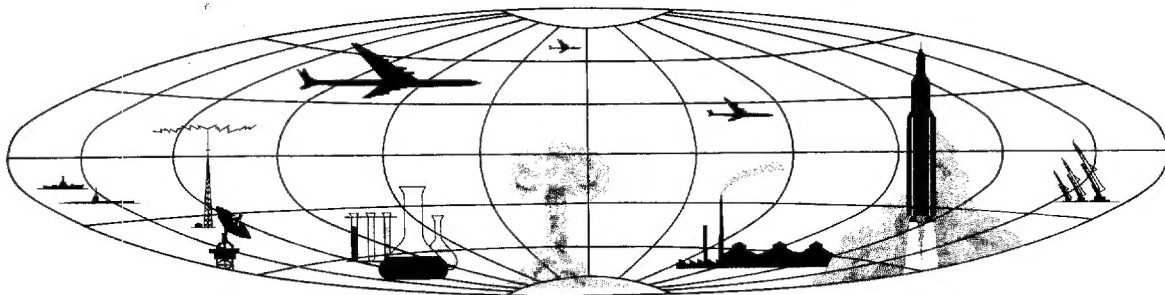


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GROUP 1
Excluded from automatic
downgrading and declassification



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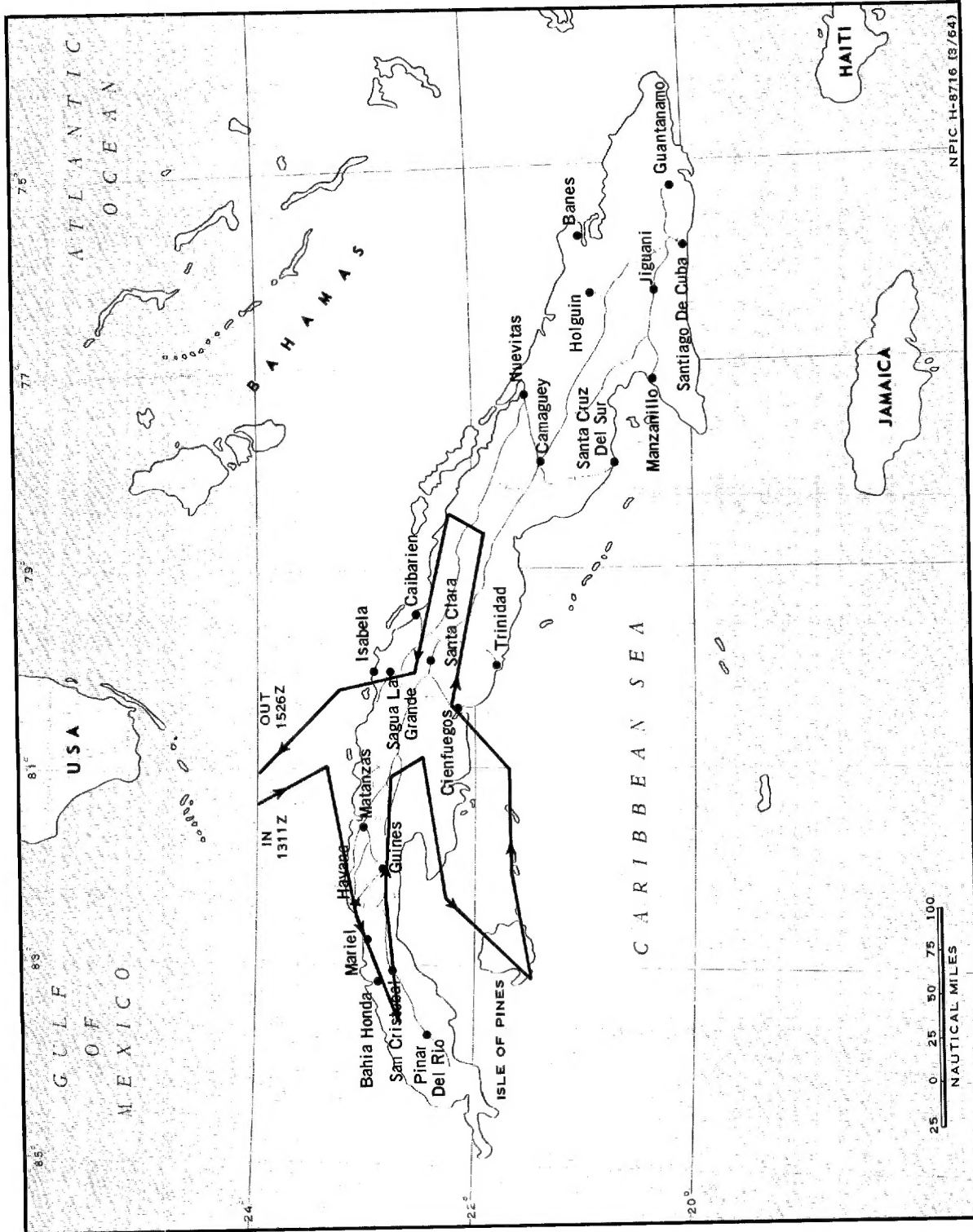
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3868, DATED 20 MAR 1964. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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APPROXIMATE TRACK OF GOLDEN TREE MISSION 3868, 20 MARCH 1964

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MISSILES

MARIEL SAM SITE 2300N 08249W

SIX CANVAS- OR NET-COVERED REVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED.

25X1

25X1

MATANZAS SAM SITE 2301N 08129W

SIX UNREVELLED LAUNCHERS (ONE WITH MISSILE), 8 MISSILE TRANSPORTERS (3 CANVAS-COVERED AND ONE ADJACENT TO LAUNCHER), 3 TRACKED PRIME MOVERS, ONE TRUCK-MOUNTED CRANE, AT LEAST 3 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.

25X1

CIENFUEGOS SAM SITE 2202N 08024W

SIX UNREVELLED LAUNCHERS (3 WITH MISSILES AND ONE CANVAS-COVERED), 11 MISSILE TRANSPORTERS (2 CANVAS-COVERED), 3 CANVAS-COVERED HOLD AREAS, AT LEAST 15 PROBABLE TRACKED PRIME MOVERS, 6 CARGO TRUCKS, ONE VAN TRUCK, ONE UTILITY TRUCK, 3 VAN TRAILERS, ONE UNIDENTIFIED VEHICLE, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1

25X1

CAIBARIEN SAM SITE 2228N 07929W

SIX UNREVELLED LAUNCHERS (ONE WITH MISSILE AND 2 CANVAS-COVERED), 3 MISSILE TRANSPORTERS (2 CANVAS-COVERED), ONE CANVAS-COVERED HOLD AREA, ONE CANVAS-COVERED PARKING AREA, ONE PROBABLE TRACKED PRIME MOVER, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT. NO APPARENT CHANGE IN FACILITIES.

25X1

25X1

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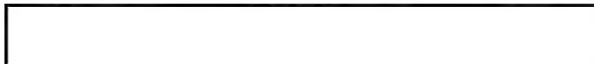
NPIC/R-1153/64

PINAR DEL RIO SAM ASSEMBLY AREA 2221N 08339W



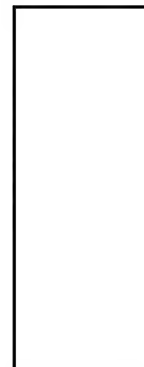
25X1

NINETEEN MISSILE TRANSPORTERS (ONE CANVAS-COVERED, AND 8 WITHOUT PRIME MOVERS), 4 TRACTOR-TRAILER TRUCKS AND 8 CARGO TRUCKS OBSERVED.



25X1

CIFUENTES SAM ASSEMBLY AREA 2236N 08005W



25X1

ONE MISSILE TRANSPORTER AND 6 UNIDENTIFIED VEHICLES OBSERVED.
NO APPARENT CHANGE IN FACILITIES.



25X1

MANAGUA SAM SITE 2259N 08215W

SIX REVETTED LAUNCHERS (ONE WITH MISSILE), AT LEAST 3 MISSILE TRANSPORTERS (ONE ADJACENT TO LAUNCHER AND ONE ON RING ROAD), 2 ADDITIONAL LAUNCHERS, ONE ADDITIONAL PROBABLE FAN SONG RADAR, 5 VAN TRUCKS, APPROXIMATELY 10 OTHER VEHICLES, AND A GUIDANCE REVETMENT WITH RADAR AND CANVAS- OR NET-COVERED EQUIPMENT.



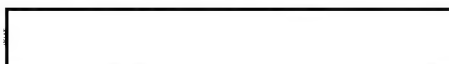
25X1

LA COLOMA SAM SITE 2 2219N 08334W



25X1

SIX UNRETTED CANVAS-COVERED LAUNCHERS, 4 MISSILE TRANSPORTERS (2 WITH EXPOSED MISSILES, 2 CANVAS-COVERED), ONE POSSIBLE TRACKED PRIME MOVER, 2 VAN TRUCKS, 3 UNIDENTIFIED VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 4 NET-COVERED VANS, AND CANVAS-COVERED EQUIPMENT.



25X1

SANTA CLARA SAM SITE 2229N 08000W

SIX UNRETTED LAUNCHERS (3 WITH MISSILES), 2 MISSILE TRANSPORTERS (ONE ADJACENT TO A LAUNCHER), 2 CANVAS-

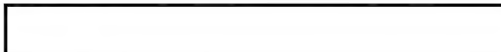
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COVERED MISSILE HOLD AREAS, 8 TRACKED PRIME MOVERS, 6 CARGO TRUCKS, 3 VAN TRAILERS, ONE TRUCK-MOUNTED CRANE, 2 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT. NO APPARENT CHANGE IN FACILITIES.

25X1



PUNTA BRAVA SAM SITE 2301N 08231W



25X1

SIX UNREVIEWED LAUNCHERS (2 CANVAS-COVERED), 2 MISSILES ON TRANSPORTERS (ONE IN LAUNCH AREA AND ONE ON RING ROAD), 2 CANVAS-COVERED HOLD AREAS, 8 TRACKED PRIME MOVERS, 2 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1



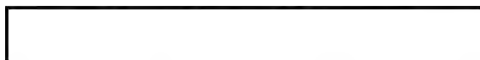
GUARA SAM SITE 2248N 08213W



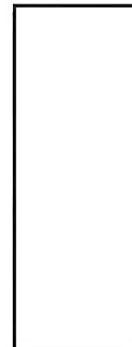
25X1

SIX UNREVIEWED LAUNCHERS (ONE WITH MISSILE, 3 CANVAS-COVERED), 4 CANVAS-COVERED MISSILE TRANSPORTERS (ONE ADJACENT TO A LAUNCHER), 11 TRACKED PRIME MOVERS, 4 OTHER VEHICLES AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT.

25X1



SIGUANE CRUISE-MISSILE SITE 2137N 08258W



25X1

ONE REVIEWED LAUNCHER, ONE MISSILE TRANSPORTER, AND 8 CANVAS-COVERED MISSILE CRATES OBSERVED IN CLOUD-FREE AREAS.

25X1



SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

TWO REVIEWED LAUNCHERS, AT LEAST 12 CANVAS-COVERED MISSILE CRATES, AT LEAST 8 PROBABLE TRACKED PRIME MOVERS, AT LEAST 21 OTHER VEHICLES, AND A CANVAS-COVERED GUIDANCE AREA OBSERVED.

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25X1



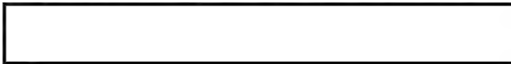
CAMPO FLORIDO CRUISE-MISSILE SITE 2306N 08211W



25X1

TWO UNREVIEWED LAUNCHERS, AT LEAST 5 MISSILE
TRANSPORTERS, 8 CANVAS-COVERED PROBABLE CRUISE-MISSILE
CRATES, AND A CANVAS-COVERED GUIDANCE AREA OBSERVED.

25X1



AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 13 FAGOT/FRESCO AND 7 HOUND OBSERVED IN
CLOUD-FREE AREAS.

25X1



SIGUANEIA AIRFIELD 2138N 08257W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1



CORONEL PASCUAL AIRFIELD 2307N 08117W

AIRCRAFT -- ONE COLT, 2 LIAISON, AND ONE HOUND.

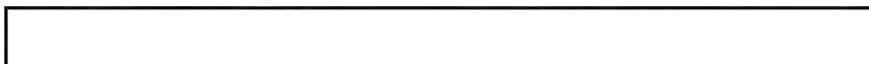
25X1



SAN ANTONIO DE LOS BAÑOS AIRFIELD 2252N 08230W

AIRCRAFT -- 17 FISHBED, 4 FARMER, AND 4 FAGOT/FRESCO
OBSERVED IN CLOUD-FREE AREAS.

25X1



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JOSE MARTI INTERNATIONAL AIRFIELD 2259N 08224W



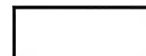
25X1

OPERATIONS AREA -- ONE CLEAT, ONE CUB, ONE BRITANNIA,
2 COOT, 5 CRATE, ONE C-46, ONE C-47, AND 2 LIAISON.
MAINTENANCE AREA -- 3 CONSTELLATION, 2 C-54, 3 C-46,
ONE B-26, ONE LODESTAR, AND ONE LIAISON.

25X1



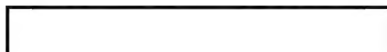
CAMPO LIBERTAD AIRFIELD 2305N 08226W



25X1

AIRCRAFT -- ONE C-54, 3 CRATE, 2 C-46, 2 C-47, 8 COLT,
AND 20 LIAISON.

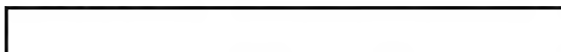
25X1



PLAYA BARACOA AIRFIELD 2302N 08234W

AIRCRAFT -- 2 CRATE, ONE C-47, ONE LIAISON AND
19 HOUND.

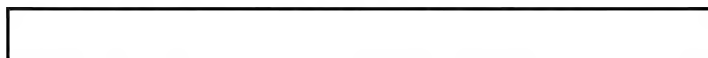
25X1



COLONEL MARTIN MARRERRO AIRFIELD 2150N 08246W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1



CAIBARIEN AIRFIELD 2230N 07928W

AIRCRAFT -- 2 LIAISON AND ONE HOUND.

25X1



NAVAL ACTIVITY/PORTS

MARIEL NAVAL BASE AND NAVAL AIR STATION 2259N 08244W

VESSELS -- 3 S.O.1-CLASS SC, 2 KOMAR-CLASS PGMG ON
MARINE RAILWAY, ONE YP, AND 3 LARGE FREIGHTERS AT
CITY PIER.

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25X1



CABANAS NAVAL BASE 2258N 08258W

VESSELS -- 7 KOMAR-CLASS PGMG, 4 POSSIBLE P-4 MTB
(2 AT SEA), AND 2 YP OBSERVED IN CLOUD-FREE AREAS.

25X1



SIGUANEA NAVAL BASE 2136N 08258W

VESSELS -- 2 P-6 MTB, 2 YP, AND 2 UNIDENTIFIED
VESSELS.

25X1



CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- 2 KRONSTADT-CLASS PC, ONE PCE, 6 P-6 MTB,
ONE YP, AND 3 LARGE FREIGHTERS.

25X1



LA ISABELA PORT 2256N 08000W

VESSELS -- 2 LARGE FREIGHTERS.

25X1



CAIBARIEN PORT 2231N 07928W

VESSELS -- 3 LARGE FREIGHTERS ANCHORED NW OF
CAYO FRANCES.

25X1



CARDENAS PORT 2302N 08111W

VESSELS -- ONE LARGE FREIGHTER.

25X1

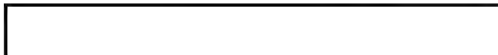
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25X1



CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

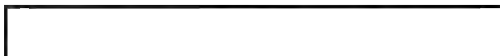
25X1



JUCARO PORT 2137N 07851W

VESSELS -- ONE LARGE FREIGHTER WITH LIGHTERS ALONGSIDE
ANCHORED SOUTH OF PORT.

25X1



MATANZAS PORT 2302N 08134W

VESSELS -- 4 LARGE FREIGHTERS (ONE LEAVING PORT).

25X1



HAVANA PORT 2307N 08220W

VESSELS -- 3 PF, 3 KRONSTADT-CLASS PC, ONE KOMAR-
CLASS PGMG, ONE PROBABLE P-6 MTB, ONE POSSIBLE YP ON
MARINE RAILWAY, 30 LARGE FREIGHTERS, 5 COASTAL
FREIGHTERS, 2 PROBABLE COASTAL TANKERS, 2 TRAWLERS,
AND ONE POL BARGE.

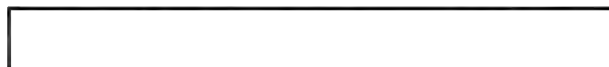
25X1



BAHIA HONDA PORT 2255N 08310W

NO LARGE VESSELS OBSERVED.

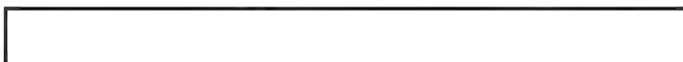
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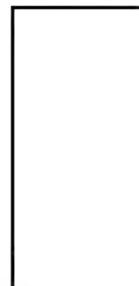
KAWAMA MARINA 2307N 08117W

VESSELS -- 2 PROBABLE P-4 MTB.

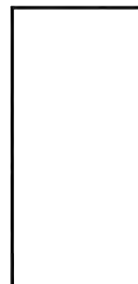
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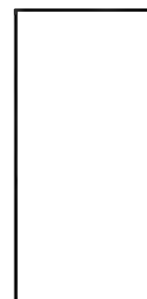
25X1



25X1



25X1



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ELECTRONICS/COMMUNICATIONS

HAVANA COMMUNICATIONS CENTER 2301N 08226W



25X1

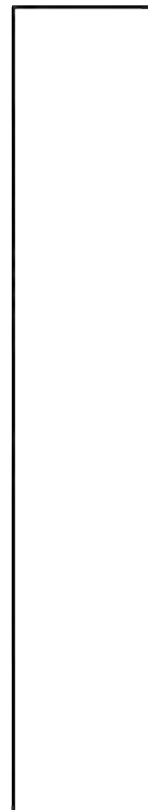
NO APPARENT CHANGE IN FACILITIES.
FIFTEEN PROBABLE BTR-60P, 17 CARGO TRUCKS, AND 12 VAN
TRUCKS OBSERVED. THE 6-GUN AND 4-GUN AAA SITES
REMAIN OCCUPIED.

25X1



MILITARY ACTIVITY

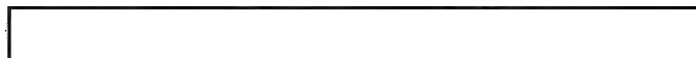
PINAR DEL RIO MILITARY CAMP 2223N 08342W



25X1

THIRTEEN TRACKED PRIME MOVERS AND AT LEAST 30 OTHER
VEHICLES OBSERVED.
HAZE PRECLUDES FURTHER INTERPRETATION.

25X1



REMEDIOS MILITARY AREA 2227N 07935W

25X1

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE



SANTIAGO DE LAS VEGAS MILITARY CAMP 2258N 08220W



25X1

TORRENS MILITARY COMPLEX 2259N 08227W



25X1

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SANTA CLARA AREA MILITARY ACTIVITY 2220N 07957W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-ONE TANKS/SP GUNS AND ONE OTHER VEHICLE
OBSERVED.

25X1

25X1

LIMONAR MILITARY CAMP SE 2255N 08124W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-ONE TANKS/SP GUNS, 2 UNIDENTIFIED TRACKED
VEHICLES, 6 BRDM APC, AND AT LEAST 36 OTHER VEHICLES
OBSERVED.

25X1

MANAGUA MILITARY CAMP 2258N 08217W

AIRCRAFT -- 13 HOUND.
NINETY-NINE TANKS/SP GUNS, 44 BTR-60P, 12 BRDM APC, 3
TRUCK-MOUNTED TREADWAY BRIDGES AND APPROXIMATELY 500
OTHER VEHICLES OBSERVED.

25X1

SANTA FE MILITARY CAMP LUMUMBA 2142N 08249W

NO VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1

NAZARENO MILITARY CAMP 2257N 08213W

AT LEAST 17 TANKS/SP GUNS OBSERVED.

25X1

CAMPO FLORIDO MILITARY CAMP 2307N 08206W

THIRTY PROBABLE TANKS/SP GUNS AND AT LEAST 17 OTHER
VEHICLES OBSERVED.

25X1

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25X1



HAVANA MILITARY CAMP CALABAZAR 2300N 08218W
NO APPARENT CHANGE IN CLOUD-FREE AREAS.

25X1



MATAGUA MILITARY CAMP 2215N 08002W
NO APPARENT CHANGE IN FACILITIES.
NO VEHICLES OR EQUIPMENT OBSERVED.

25X1



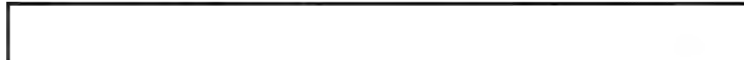
JURAGUA MILITARY ACTIVITY 2209N 08035W
NO APPARENT CHANGE IN FACILITIES.
FOURTEEN CARGO TRUCKS, AND 15 FA PIECES OBSERVED IN
CLOUD-FREE AREAS.

25X1



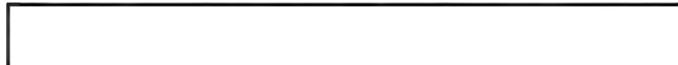
CANTEL MILITARY CAMP 2302N 08119W
NO APPARENT CHANGE IN FACILITIES. ONE VAN TRUCK AND
3 OTHER VEHICLES OBSERVED.

25X1



LIMONAR TANK TRAINING AREA 2254N 08121W
MAIN CAMP -- NO VEHICLES OR EQUIPMENT OBSERVED.
AREA 2.6 NM NE -- 20 TANKS/SP GUNS.

25X1



SAN DIEGO DE NUNEZ MILITARY CAMP 2254N 08305W
TWELVE PROBABLE TANKS/SP GUNS AND AT LEAST 14 OTHER
VEHICLES OBSERVED.

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25X1



GUANABANA AREA MILITARY CAMP 2258N 08134W

NO APPARENT CHANGE IN FACILITIES.
FIFTEEN PROBABLE TANK/SP GUNS OBSERVED.

25X1



MARTI AREA ARMOR TRAINING AREA 2258N 08059W

FIVE UNIDENTIFIED VEHICLES OBSERVED.

25X1



SANTIAGO DE LAS VEGAS MILITARY CAMP SOUTH 2257N 08223W

APPROXIMATELY 26 VEHICLES AND AT LEAST 17 PROBABLE
FA PIECES OBSERVED.

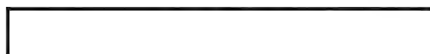
25X1



BARAJAGUA STORAGE DEPOT 2208N 08004W

NO APPARENT CHANGE IN FACILITIES.
TWO BUSES AND 3 UNIDENTIFIED VEHICLES OBSERVED.

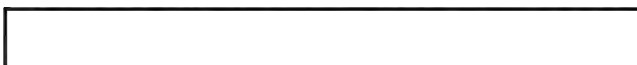
25X1



SANTA CLARA MILITARY CAMP CUBANACAN 2224N 07952W

CUBANACAN -- AT LEAST 40 UNIDENTIFIED VEHICLES.
NO VEHICLES OR EQUIPMENT OBSERVED AT THE STORAGE AREA
NORTH OR AT ESCUELA TECNOLÓGICA.

25X1



SANTA FE MILITARY AREA 2144N 08247W

MAIN CAMP -- 12 UNIDENTIFIED VEHICLES AND 13 FA
PIECES.
AREA 1.5 NM WEST -- NO VEHICLES OBSERVED IN

25X1

25X1

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CLOUD-FREE AREAS.

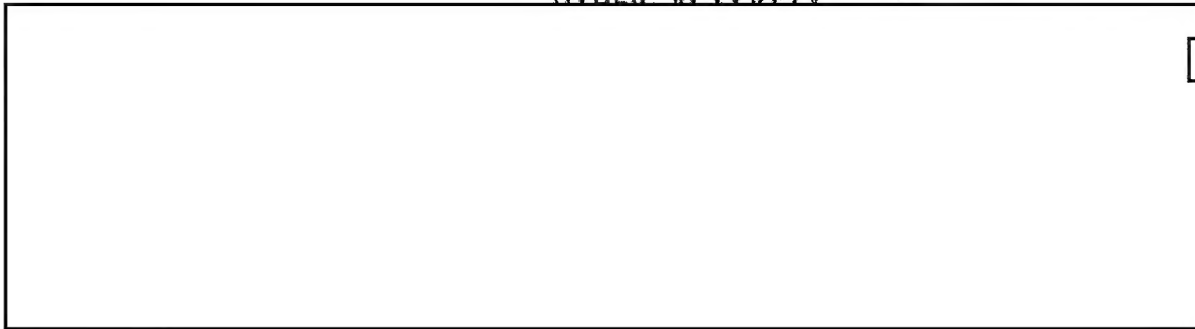
AREA 4.8 NM NW -- ONE LARGE NON-SOVIET TENT AND 4
MEDIUM NON-SOVIET TENTS.

25X1



25X1

OTHER ACTIVITY



25X1

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STATUS OF OTHER TARGETS OBSERVED

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

GUANAJAY IRBM SITE 1	2257N 08239W
SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
SAN CRISTOBAL MRBM SITE 4	2246N 08258W
GUANAJAY IRBM SITE 2	2257N 08237W
SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	2257N 08221W
JAIME GONZALES AIRFIELD	2209N 08024W
SURGIDERO DE BATABANO PORT	2241N 08217W
LA FLORA MILITARY STORAGE AREA	2252N 08233W
MINAS AMMUNITION STORAGE AREA	2308N 08211W
HAVANA AMMUNITION STORAGE AREA	2301N 08226W
BAJURAYABO MILITARY CAMP	2308N 08210W
LOMA DE TIERRA MILITARY CAMP	2301N 08213W
ZARAGOZA AREA MILITARY CAMP	2256N 08204W
EL CHICO MILITARY AREAS	2300N 08226W
SAN JOSE DE LAS LAJAS STORAGE	2258N 08212W
EL CRIOLLO MILITARY CAMP	2259N 08225W
MINAS MILITARY CAMP JESUS MARIA FINCA	2306N 08211W
GUANABANA MILITARY AREA	2258N 08132W
JAGUA MILITARY AREA	2205N 08029W
SAN FRANCISCO DE PAULA AMMO STORAGE AREA	2303N 08218W
MANAGUA AMMUNITION STORAGE AREA	2257N 08218W
BEJUCAL AMMUNITION STORAGE	2256N 08223W
MANICARAGUA STORAGE AREA	2206N 07958W
SPECIAL AREA ALPHA WHITE	2259N 08225W
SPECIAL AREA HOTEL	2301N 08248W
SPECIAL AREA BRAVO RED	2254N 08228W
SPECIAL AREA VICTOR	2302N 08235W
SPECIAL AREA TANGO	2259N 08244W
SPECIAL AREA JULIET	2301N 08240W
SAN ANTONIO DE LOS BANOS AREA DROP ZONE	2256N 08231W
TARARA LANDING BEACH	2310N 08212W
MATANZAS LANDING BEACH	2301N 08126W
VARADERO LANDING BEACH	2308N 08118W
CIENFUEGOS LANDING BEACH	2202N 08036W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
PLAYA COLOMBO LANDING BEACH	2154N 08246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W

25X1

25X1

SECRET

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NPIC/R-1153/64

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

HAVANA SAM SITE	2309N 08213W
SAGUA LA GRANDE SAM SITE	2251N 08005W
DELEITE SAM SITE	2259N 08045W
MAJANA SAM SITE	2241N 08249W
LA SALUD SAM SITE	2253N 08224W
TORRENS SAM ASSEMBLY AREA	2257N 08227W
GUERRA CRUISE-MISSILE STORAGE	2300N 08250W
TRINIDAD AIRFIELD	2147N 07959W
ARTEMISA MILITARY CAMP	2250N 08248W
BAHIA HONDA MILITARY CAMP	2258N 08311W
MARIEL MILITARY CAMP LOMA GOBERNADORA	2256N 08251W
MADRUGA MILITARY AREA	2255N 08149W
GUANABACOA MILITARY AREA	2307N 08215W
MESTANZA EXPLOSIVE STORAGE SITE	2228N 08347W
LA JUTIA MILITARY INSTALLATION	2154N 08015W
LOMAS TETAS DE MANAGUA TANK PARK	2258N 08219W
TRINIDAD AREA POSS MIL HEADQUARTERS	2150N 07953W
GUANAJAY MILITARY CAMP MARTIN MESA	2257N 08243W
GUAYABAL MILITARY CAMP	2254N 08237W
SANTA CLARA AREA ARTILLERY TRAINING AREA	2222N 08000W
CABANA FORTRESS	2308N 08220W
TAPASTE STORAGE AREAS	2302N 08207W
SPECIAL AREA BRAVO BLUE	2253N 08232W

25X1

25X1

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